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FILE 'HOME' ENTERED AT 14:52:57 ON 30 AUG 2005

=> file medline, biosis, uspatful, dgene, embase, wpids, fsta, biotechds, scisearch  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
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FULL ESTIMATED COST 1.26 1.26

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=> s diabetes and (erythropoietin)  
L1 5350 DIABETES AND (ERYTHROPOIETIN)

=> s 11 and (iron deficiency or distribution)  
L2 1789 L1 AND (IRON DEFICIENCY OR DISTRIBUTION)

=> s 12 and (epoetin alfa or beta)  
L3 1662 L2 AND (EPOETIN ALFA OR BETA)

=> s 13 and darbepoetin  
L4 9 L3 AND DARBEPOETIN

=> d 14 ti abs ibib tot

L4 ANSWER 1 OF 9 USPATFULL on STN

TI      Albumin fusion proteins

AB      The present invention encompasses albumin fusion proteins. Nucleic acid molecules encoding the albumin fusion proteins of the invention are also encompassed by the invention, as are vectors containing these nucleic acids, host cells transformed with these nucleic acids vectors, and methods of making the albumin fusion proteins of the invention and using these nucleic acids, vectors, and/or host cells. Additionally the present invention encompasses pharmaceutical compositions comprising albumin fusion proteins and methods of treating, preventing, or ameliorating diseases, disorders or conditions using albumin fusion proteins of the invention.

ACCESSION NUMBER:      2005:214989 USPATFULL

TITLE:      Albumin fusion proteins

INVENTOR(S):      Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Haseltine, William A., Washington, DC, UNITED STATES  
Ballance, David J., Berwyn, PA, UNITED STATES  
Turner, Andrew J., Eglevile, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005186664	A1	20050825
APPLICATION INFO.:	US 2004-775204	A1	20040211 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US40891, filed on 23 Dec 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-341811P	20011221 (60)
	US 2002-350358P	20020124 (60)
	US 2002-351360P	20020128 (60)
	US 2002-359370P	20020226 (60)
	US 2002-360000P	20020228 (60)
	US 2002-367500P	20020327 (60)
	US 2002-370227P	20020408 (60)
	US 2002-378950P	20020510 (60)
	US 2002-382617P	20020524 (60)
	US 2002-383123P	20020528 (60)
	US 2002-385708P	20020605 (60)
	US 2002-394625P	20020710 (60)
	US 2002-398008P	20020724 (60)
	US 2002-402131P	20020809 (60)
	US 2002-402708P	20020813 (60)
	US 2002-411355P	20020918 (60)
	US 2002-411426P	20020918 (60)
	US 2002-414984P	20021002 (60)
	US 2002-417611P	20021011 (60)
	US 2002-420246P	20021023 (60)
	US 2002-423623P	20021105 (60)

DOCUMENT TYPE:      Utility

FILE SEGMENT:      APPLICATION

LEGAL REPRESENTATIVE:      HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT.,  
14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US

NUMBER OF CLAIMS:      21

EXEMPLARY CLAIM:      1

NUMBER OF DRAWINGS:      23 Drawing Page(s)

LINE COUNT:      25129

L4 ANSWER 2 OF 9 USPATFULL on STN

TI      Methods of using Flt3-Ligand in hematopoietic cell transplantation procedures incorporating nonmyeloablative conditioning regimens

AB      The invention is directed to methods of using Flt3-Ligand in

hematopoietic cell transplantation procedures using nonmyeloablative conditioning regimens. This abstract is provided for the sole purpose of enabling the reader to quickly ascertain the subject matter of the technical disclosure and is not intended to be used to interpret or limit the scope or meaning of the claims.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:68484 USPATFULL  
TITLE: Methods of using Flt3-Ligand in hematopoietic cell transplantation procedures incorporating nonmyeloablative conditioning regimens  
INVENTOR(S) : Lyman, Stewart D., Seattle, WA, UNITED STATES  
Beckmann, M. Patricia, Hansville, WA, UNITED STATES  
McKenna, Hilary J., Seattle, WA, UNITED STATES  
Nash, Richard A., Seattle, WA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005058622	A1	20050317
APPLICATION INFO.:	US 2003-730334	A1	20031208 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-431266P	20021206 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Immunex Corporation, Law Department, 1201 Amgen Court West, Seattle, WA, 98119	
NUMBER OF CLAIMS:	25	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	3259	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 9 USPATFULL on STN

TI Plasmid mediated GHRH supplementation for renal failures  
AB The present invention pertains to compositions and methods for plasmid-mediated supplementation. The compositions and methods are useful for treatment or prevention of kidney failure, treatment of anemia, and other conditions commonly associated with kidney failure in order to increase survival and improve welfare in subjects with chronic renal failure. Overall, the embodiments of the invention can be accomplished by delivering an isolated nucleic acid expression construct that encodes a GHRH or functional biological equivalent thereof into a tissue of a subject and allowing expression of the encoded gene in the animal. For example, when such a nucleic acid sequence is delivered into the specific cells of the subject, tissue specific constitutive expression is achieved. The embodiments of the invention also encompass delivery of a recombinant GHRH polypeptide or functional biological equivalent thereof. The preferred method for delivering the constitutive or inducible nucleic acid encoding sequences of GHRH or the functional biological equivalents thereof is directly into the cells of the subject by the process of in vivo electroporation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:4954 USPATFULL  
TITLE: Plasmid mediated GHRH supplementation for renal failures  
INVENTOR(S) : Draghia-Akli, Ruxandra, Houston, TX, UNITED STATES  
Scott, Clara, Spring, TX, UNITED STATES  
Brown, Patricia A., Conroe, TX, UNITED STATES  
PATENT ASSIGNEE(S) : ADVISYS, Inc., The Woodlands, TX, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005004060	A1	20050106
APPLICATION INFO.:	US 2004-827918	A1	20040420 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-464266P	20030421 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JACKSON WALKER LLP, 2435 NORTH CENTRAL EXPRESSWAY, SUITE 600, RICHARDSON, TX, 75080	
NUMBER OF CLAIMS:	105	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	12 Drawing Page(s)	
LINE COUNT:	4947	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 4 OF 9 USPATFULL on STN

TI Combination therapy for treating protein deficiency disorders  
 AB This application provides methods of improving protein replacement therapy by combining protein replacement therapy with active site-specific chaperones (ASSC) to increase the stability and efficiency of the protein being administered. The application further provides compositions comprising the purified protein and an ASSC, and methods of treatment by administering the compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:233348 USPATFULL  
 TITLE: Combination therapy for treating protein deficiency disorders  
 INVENTOR(S): Fan, Jian-Qiang, Demarest, NJ, UNITED STATES  
 PATENT ASSIGNEE(S): Mount Sinai School of Medicine of New York University, New York, NY (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004180419	A1	20040916
APPLICATION INFO.:	US 2004-771236	A1	20040202 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-444136P	20030131 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DARBY & DARBY P.C., P. O. BOX 5257, NEW YORK, NY, 10150-5257	
NUMBER OF CLAIMS:	67	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	1839	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 5 OF 9 USPATFULL on STN

TI Treatment of disturbances of iron distribution  
 AB A method of, and pharmaceutical composition for, treating disturbances of iron distribution in diabetes using erythropoietin are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:145007 USPATFULL  
 TITLE: Treatment of disturbances of iron distribution

INVENTOR(S) : Lehmann, Paul, Worms, GERMANY, FEDERAL REPUBLIC OF  
Roeddiger, Ralf, Gorxheimertal, GERMANY, FEDERAL  
REPUBLIC OF  
Walter-Matsui, Ruth, Altenbuseck, GERMANY, FEDERAL  
REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004110679	A1	20040610
APPLICATION INFO.:	US 2003-634477	A1	20030804 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2002-19100	20020829
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HOFFMANN-LA ROCHE INC., PATENT LAW DEPARTMENT, 340 KINGSLAND STREET, NUTLEY, NJ, 07110	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	784	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 9 USPATFULL on STN

TI Plasmid mediated supplementation for treating chronically ill subjects  
AB The present invention pertains to compositions and methods for plasmid-mediated supplementation. The compositions and method are useful for retarding the growth of the tumor, and retarding cachexia, wasting, anemia and other effects that are commonly associated in cancer bearing animals. Overall, the embodiments of the invention can be accomplished by delivering an effective amount of a nucleic acid expression construct that encodes a GHRH or functional biological equivalent thereof into a tissue of an animal and allowing expression of the encoded gene in the animal. For example, when such a nucleic acid sequence is delivered into the specific cells of the animal tissue specific constitutive expression is achieved. Furthermore, external regulation of the GHRH or functional biological equivalent thereof gene can be accomplished by utilizing inducible promoters that are regulated by molecular switch molecules, which are given to the animal. The preferred method to deliver the constitutive or inducible nucleic acid encoding sequences of GHRH or the functional biological equivalents thereof is directly into the cells of the animal by the process of in vivo electroporation. In addition, a treatment for retarding the growth of the tumor, and retarding cachexia or the wasting effects that are commonly associated with tumors is achieved by the delivery of recombinant GHRH or biological equivalent into the animal.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:76164 USPATFULL  
TITLE: Plasmid mediated supplementation for treating chronically ill subjects  
INVENTOR(S) : Draghia-Akli, Ruxandra, Houston, TX, UNITED STATES  
Carpenter, Robert H., Bastrop, TX, UNITED STATES  
Kern, Douglas R., The Woodlands, TX, UNITED STATES  
Schwartz, Robert J., Houston, TX, UNITED STATES  
King, Glen, Rossharon, TX, UNITED STATES  
Hahn, Kevin, Missouri City, TX, UNITED STATES  
Brenner, Malcolm K., Bellaire, TX, UNITED STATES  
PATENT ASSIGNEE(S) : ADVISYS, Inc., The Woodlands, TX, 77381 (U.S.  
corporation)  
Baylor College of Medicine, Houston, TX, 77030 (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004057941	A1	20040325
APPLICATION INFO.:	US 2002-315907	A1	20021210 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-339610P	20011211 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JACKSON WALKER LLP, 2435 NORTH CENTRAL EXPRESSWAY, SUITE 600, RICHARDSON, TX, 75080	
NUMBER OF CLAIMS:	386	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	20 Drawing Page(s)	
LINE COUNT:	5986	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 7 OF 9 USPATFULL on STN

TI Vascularized organized tissues and uses thereof  
 AB The invention relates to organized tissues that are implanted into an organism wherein they become vascularized. The invention also relates to methods of using an organized tissue that is vascularized following implantation into an organism, for delivery of a bioactive compound. The invention also relates to methods of producing an organized tissue that is vascularized following implantation into an organism.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:334686 USPATFULL  
 TITLE: Vascularized organized tissues and uses thereof  
 INVENTOR(S): Vandenburgh, Herman H., Providence, RI, UNITED STATES  
                   Valentini, Robert F., Cranston, RI, UNITED STATES  
                   Wang, Xiao, Providence, RI, UNITED STATES  
                   Shansky, Janet, Barrington, RI, UNITED STATES  
                   Ferland, Paulette, Tiverton, RI, UNITED STATES  
                   Deltatto, Michael, Bristol, RI, UNITED STATES  
 PATENT ASSIGNEE(S): Cell Based Delivery Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003235561	A1	20031225
APPLICATION INFO.:	US 2002-281765	A1	20021028 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-391330P	20020625 (60)
	US 2002-399605P	20020730 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	PALMER & DODGE, LLP, KATHLEEN M. WILLIAMS, 111 HUNTINGTON AVENUE, BOSTON, MA, 02199	
NUMBER OF CLAIMS:	85	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Page(s)	
LINE COUNT:	5322	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 8 OF 9 USPATFULL on STN

TI Albumin fusion proteins  
 AB The present invention encompasses albumin fusion proteins. Nucleic acid molecules encoding the albumin fusion proteins of the invention are also encompassed by the invention, as are vectors containing these nucleic

acids, host cells transformed with these nucleic acids vectors, and methods of making the albumin fusion proteins of the invention and using these nucleic acids, vectors, and/or host cells. Additionally the present invention encompasses pharmaceutical compositions comprising albumin fusion proteins and methods of treating, preventing, or ameliorating diseases, disorders or conditions using albumin fusion proteins of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:282700 USPATFULL  
TITLE: Albumin fusion proteins  
INVENTOR(S): Ballance, David J., Berwyn, PA, UNITED STATES  
Sleep, Darrell, West Bridgford, UNITED KINGDOM  
Prior, Christopher P., Rosemont, PA, UNITED STATES  
Sadeghi, Homayoun, Doylestown, PA, UNITED STATES  
Turner, Andrew J., Eagleville, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003199043	A1	20031023
APPLICATION INFO.:	US 2001-832501	A1	20010412 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-256931P	20001221 (60)
	US 2000-199384P	20000425 (60)
	US 2000-229358P	20000412 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,  
ROCKVILLE, MD, 20850  
NUMBER OF CLAIMS: 60  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 18 Drawing Page(s)  
LINE COUNT: 14339  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 9 WPIDS COPYRIGHT 2005 THE THOMSON CORP on STN  
TI Use of **erythropoietin** protein in manufacture of medicament for  
treating disturbances of iron **distribution** in **diabetes**

AN 2004-282643 [26] WPIDS

AB WO2004019972 A UPAB: 20040421

NOVELTY - Use of **erythropoietin** protein (I) in the manufacture  
of a medicament for the treatment of disturbances of iron  
**distribution** in **diabetes**, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a  
medicament (II) for the treatment of disturbances of iron  
**distribution** in **diabetes**.

ACTIVITY - Antidiabetic.

MECHANISM OF ACTION - Suppresses the disturbances of iron  
**distribution**.

No biological data is given.

USE - (I) is useful for manufacturing medicament for the treatment of  
disturbances of iron **distribution** in **diabetes** such as  
non-insulin dependant **diabetes mellitus**. (II) is useful for  
treating disturbances of iron **distribution** in **diabetes**  
(All claimed.)

Dwg.0/2

ACCESSION NUMBER: 2004-282643 [26] WPIDS

DOC. NO. CPI: C2004-108514

TITLE: Use of **erythropoietin** protein in manufacture of  
medicament for treating disturbances of iron

**distribution in diabetes.**  
 DERWENT CLASS: A96 B04  
 INVENTOR(S): LEHMANN, P; ROEDDINGER, R; WALTER-MATSUI, R  
 PATENT ASSIGNEE(S): (LEHM-I) LEHMANN P; (ROED-I) ROEDDINGER R; (WALT-I)  
 WALTER-MATSUI R; (HOFF) HOFFMANN LA ROCHE & CO AG F  
 COUNTRY COUNT: 106  
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
<hr/>					
WO 2004019972	A1	20040311 (200426)*	EN	31	
RW:	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW				
W:	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW				
US 2004110679	A1	20040610 (200438)			
AU 2003251713	A1	20040319 (200462)			
EP 1536823	A1	20050608 (200537)	EN		
R:	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR				
BR 2003013792	A	20050712 (200547)			

#### APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2004019972	A1	WO 2003-EP9194	20030820
US 2004110679	A1	US 2003-634477	20030804
AU 2003251713	A1	AU 2003-251713	20030820
EP 1536823	A1	EP 2003-790911	20030820
BR 2003013792	A	WO 2003-EP9194	20030820
		BR 2003-13792	20030820
		WO 2003-EP9194	20030820

#### FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 2003251713	A1 Based on	WO 2004019972
EP 1536823	A1 Based on	WO 2004019972
BR 2003013792	A Based on	WO 2004019972

PRIORITY APPLN. INFO: EP 2002-19100 20020829

=> d his

(FILE 'HOME' ENTERED AT 14:52:57 ON 30 AUG 2005)

FILE 'MEDLINE, BIOSIS, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, BIOTECHDS, SCISEARCH' ENTERED AT 14:56:27 ON 30 AUG 2005

L1 5350 S DIABETES AND (ERYTHROPOIETIN)  
 L2 1789 S L1 AND (IRON DEFICIENCY OR DISTRIBUTION)  
 L3 1662 S L2 AND (EPOETIN ALFA OR BETA)  
 L4 9 S L3 AND DARBEPOETIN

=> s 13 and pegylated

L5 505 L3 AND PEGYLATED

=> s 15 and glycosylation

L6 321 L5 AND GLYCOSYLATION

=> e lehmann/au

E1	1	LEHMANMCKEEMAN L/AU
E2	31	LEHMANMCKEEMAN L D/AU
E3	24	--> LEHMANN/AU
E4	988	LEHMANN A/AU
E5	1	LEHMANN A A C/AU
E6	48	LEHMANN A B/AU
E7	9	LEHMANN A C/AU
E8	1	LEHMANN A D/AU
E9	1	LEHMANN A E H/AU
E10	3	LEHMANN A F/AU
E11	39	LEHMANN A G/AU
E12	46	LEHMANN A K/AU

=> e lehmann, p/au

E1	1	LEHMANN YVES/AU
E2	23	LEHMANN Z/AU
E3	0	--> LEHMANN, P/AU
E4	1	LEHMANNB E/AU
E5	1	LEHMANNBAERTS M/AU
E6	1	LEHMANNBEI G/AU
E7	1	LEHMANNBODEM C/AU
E8	1	LEHMANNBRAUNS S/AU
E9	1	LEHMANNBROCKHAUS E/AU
E10	9	LEHMANNBRUINSMA K/AU
E11	4	LEHMANNBURGEL U/AU
E12	1	LEHMANNBURI T/AU

=> e roeddiger/au

E1	4	ROEDDER WEHRMANN O/AU
E2	1	ROEDDERF GERHARD/AU
E3	0	--> ROEDDINGER/AU
E4	1	ROEDDINGER M/AU
E5	150	ROEDDINGER R/AU
E6	6	ROEDDINGER RALF/AU
E7	9	ROEDDINGER S/AU
E8	1	ROEDDINGER S J/AU
E9	8	ROEDDINGER SANDRA/AU
E10	1	ROEDDINGER SANDRA J/AU
E11	2	ROEDDING A S/AU
E12	1	ROEDDING DANIEL/AU

=> s e6

L7 6 "ROEDDINGER RALF"/AU

=> s e5

L8 150 "ROEDDINGER R"/AU

=> s 17 and 18

L9 0 L7 AND L8

=> d 17 ti abs ibib tot

L7 ANSWER 1 OF 6 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
TI Multicenter evaluation of a fully mechanized soluble transferrin receptor assay on the Hitachi and Cobas Integra analyzers. The determination of reference ranges.

AB Soluble transferrin receptor (sTfR) is reported to be a reliable marker for the diagnosis of iron deficiency, especially when iron metabolism is influenced by inflammatory disorders such as infection, chronic inflammation and cancer-related anemia. In the present multicenter study

the analytical performance of a recently introduced, latex-enhanced immunoturbidimetric assay for the determination of soluble transferrin receptor (Tina quant(R)(a) sTfR, Roche Diagnostics) on different fully mechanized analyzers such as Hitachi 917 and 911, and Cobas Integra 400 and 700 was evaluated. Within-run and between-run imprecision showed good results (CV<5% and <7%, respectively). The assay was found to be linear over a wide measuring range (0.4-35 mg/l). Endogenous substances did not interfere with the test results. Comparison of serum sTfR concentrations with those of heparinized plasma revealed good correlation ( $r>0.976$ ). Method comparison with an existing fully mechanized method as well as with ELISA tests for sTfR showed very good correlation ( $r>0.987$ ). Because of the lack of international standardization the results differed from each other up to 2.5-fold. The 95% of serum levels in healthy individuals ranged from 1.9 to 4.4 mg/l (n=427). However, the reference ranges should be reported in a sex-dependent manner, as 2.2-5.0 mg/l for men (n=211) and as 1.9-4.4 mg/l for premenopausal (n=216) and postmenopausal (n=45) women. The Tina quant(R)(a) sTfR assay enables the precise, accurate, rapid and convenient determination of sTfR concentrations for routine clinical chemistry purposes.

ACCESSION NUMBER: 2002:500000 BIOSIS  
DOCUMENT NUMBER: PREV200200500000  
TITLE: Multicenter evaluation of a fully mechanized soluble transferrin receptor assay on the Hitachi and Cobas Integra analyzers. The determination of reference ranges.  
AUTHOR(S): Kolbe-Busch, Susanne [Reprint author]; Lotz, Johannes; Hafner, Gerd; Blanckaert, Norbert J. C.; Claeys, Georg; Togni, Giovanni; Carlsen, Juergen; **Roeddiger, Ralf**; Thomas, Lothar  
CORPORATE SOURCE: Institut fuer Haemostaseologie und Transfusionsmedizin, Universitaetsklinikum Duesseldorf, Moorenstr. 5, 40225, Duesseldorf, Germany  
susanne.kolbe-busch@uni-duesseldorf.de  
SOURCE: Clinical Chemistry and Laboratory Medicine, (May, 2002) Vol. 40, No. 5, pp. 529-536. print.  
ISSN: 1434-6621.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 25 Sep 2002  
Last Updated on STN: 25 Sep 2002

L7 ANSWER 2 OF 6 USPATFULL on STN  
TI Method of treating disturbances of iron distribution in inflammatory intestinal diseases  
AB The present invention relates to the use of erythropoietin for the treatment of disturbances of iron distribution in chronic inflammatory intestinal diseases.

ACCESSION NUMBER: 2005:209503 USPATFULL  
TITLE: Method of treating disturbances of iron distribution in inflammatory intestinal diseases  
INVENTOR(S): Klima, Horst, Penzberg, GERMANY, FEDERAL REPUBLIC OF Lehmann, Paul, Worms, GERMANY, FEDERAL REPUBLIC OF **Roeddiger, Ralf**, Gorxheimertal, GERMANY, FEDERAL REPUBLIC OF Walter-Matsui, Ruth, Altenbuseck, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005181986	A1	20050818
APPLICATION INFO.:	US 2004-13560	A1	20041216 (11)

NUMBER	DATE
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PRIORITY INFORMATION: EP 2003-104832 20031219  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: HOFFMANN-LA ROCHE INC., PATENT LAW DEPARTMENT, 340 KINGSLAND STREET, NUTLEY, NJ, 07110, US  
NUMBER OF CLAIMS: 15  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 1 Drawing Page(s)  
LINE COUNT: 820

L7 ANSWER 3 OF 6 USPATFULL on STN

TI Differential diagnosis with hepcidin  
AB The present invention concerns the use of hepcidin as a marker for detecting inflammatory chronic diseases and especially for a differential diagnosis to detect inflammatory chronic diseases and/or non-inflammatory chronic diseases. The present invention also concerns a method for detecting inflammatory chronic diseases, non-inflammatory chronic diseases and/or acute phase reactions comprising the determination of hepcidin.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:171278 USPATFULL  
TITLE: Differential diagnosis with hepcidin  
INVENTOR(S): Lehmann, Paul, Worms, GERMANY, FEDERAL REPUBLIC OF Roeddiger, Ralf, Gorxheimertal, GERMANY, FEDERAL REPUBLIC OF  
PATENT ASSIGNEE(S): Roche Diagnostics Operations, Inc. (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005148025	A1	20050707
APPLICATION INFO.:	US 2004-972101	A1	20041022 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2003-DE10349124	20031022
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP, 300 SOUTH WACKER DRIVE, SUITE 3200, CHICAGO, IL, 60606, US	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	536	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 6 USPATFULL on STN

TI Soluble transferrin receptor  
AB The invention concerns a method for detecting coronary syndromes, in particular, coronary artery disease (CAD), using risk markers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:158247 USPATFULL  
TITLE: Soluble transferrin receptor  
INVENTOR(S): Lehmann, Paul, Worms, GERMANY, FEDERAL REPUBLIC OF Roeddiger, Ralf, Gorxheimertal, GERMANY, FEDERAL REPUBLIC OF  
PATENT ASSIGNEE(S): Roche Diagnostics Operations, Inc. (non-U.S. corporation)

	NUMBER	KIND	DATE
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PATENT INFORMATION: US 2005136455 A1 20050623  
APPLICATION INFO.: US 2004-971870 A1 20041022 (10)

NUMBER DATE

PRIORITY INFORMATION: EP 2003-23980 20031022  
EP 2004-10822 20040506

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP, 300 SOUTH WACKER DRIVE, SUITE 3200, CHICAGO, IL, 60606, US

NUMBER OF CLAIMS: 6

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 9 Drawing Page(s)

LINE COUNT: 2061

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 6 USPATFULL on STN

TI Treatment of disturbances of iron distribution

AB The present invention relates to the use of erythropoietin for the treatment of disturbances of iron distribution in heart diseases.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:268259 USPATFULL

TITLE: Treatment of disturbances of iron distribution

INVENTOR(S): Lehmann, Paul, Worms, DE, UNITED STATES

Roeddigier, Ralf, Gorxheimertal, DE, UNITED STATES

Walter-Matsui, Ruth, Altenbuseck, DE, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2004209802 A1 20041021

APPLICATION INFO.: US 2003-706701 A1 20031112 (10)

NUMBER DATE

PRIORITY INFORMATION: EP 2002-26342 20021122

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HOFFMANN-LA ROCHE INC., PATENT LAW DEPARTMENT, 340 KINGSLAND STREET, NUTLEY, NJ, 07110

NUMBER OF CLAIMS: 14

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 1 Drawing Page(s)

LINE COUNT: 782

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 6 USPATFULL on STN

TI Treatment of disturbances of iron distribution

AB A method of, and pharmaceutical composition for, treating disturbances of iron distribution in diabetes using erythropoietin are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:145007 USPATFULL

TITLE: Treatment of disturbances of iron distribution

INVENTOR(S): Lehmann, Paul, Worms, GERMANY, FEDERAL REPUBLIC OF

Roeddigier, Ralf, Gorxheimertal, GERMANY,

FEDERAL REPUBLIC OF

Walter-Matsui, Ruth, Altenbuseck, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004110679	A1	20040610
APPLICATION INFO.:	US 2003-634477	A1	20030804 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2002-19100	20020829
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HOFFMANN-LA ROCHE INC., PATENT LAW DEPARTMENT, 340 KINGSLAND STREET, NUTLEY, NJ, 07110	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	784	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

=> d his

(FILE 'HOME' ENTERED AT 14:52:57 ON 30 AUG 2005)

FILE 'MEDLINE, BIOSIS, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, BIOTECHDS, SCISEARCH' ENTERED AT 14:56:27 ON 30 AUG 2005

L1	5350 S DIABETES AND (ERYTHROPOIETIN)
L2	1789 S L1 AND (IRON DEFICIENCY OR DISTRIBUTION)
L3	1662 S L2 AND (EPOETIN ALFA OR BETA)
L4	9 S L3 AND DARBEPOETIN
L5	505 S L3 AND PEGYLATED
L6	321 S L5 AND GLYCOSYLATION E LEHMANN/AU E LEHMANN, P/AU E ROEDDINGER/AU
L7	6 S E6
L8	150 S E5
L9	0 S L7 AND L8

=> s 18 and 16

L10 1 L8 AND L6

=> d 110 ti abs ibib tot

L10 ANSWER 1 OF 1 WPIDS COPYRIGHT 2005 THE THOMSON CORP on STN  
TI Use of **erythropoietin** protein in manufacture of medicament for  
treating disturbances of iron **distribution** in **diabetes**

AN 2004-282643 [26] WPIDS

AB WO2004019972 A UPAB: 20040421

NOVELTY - Use of **erythropoietin** protein (I) in the manufacture  
of a medicament for the treatment of disturbances of iron  
**distribution** in **diabetes**, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a  
medicament (II) for the treatment of disturbances of iron  
**distribution** in **diabetes**.

ACTIVITY - Antidiabetic.

MECHANISM OF ACTION - Suppresses the disturbances of iron  
**distribution**.

No biological data is given.

USE - (I) is useful for manufacturing medicament for the treatment of  
disturbances of iron **distribution** in **diabetes** such as  
non-insulin dependant **diabetes mellitus**. (II) is useful for  
treating disturbances of iron **distribution** in **diabetes**

. (All claimed.)  
 Dwg. 0/2  
 ACCESSION NUMBER: 2004-282643 [26] WPIDS  
 DOC. NO. CPI: C2004-108514  
 TITLE: Use of erythropoietin protein in manufacture of  
 medicament for treating disturbances of iron  
 distribution in diabetes.  
 DERWENT CLASS: A96 B04  
 INVENTOR(S): LEHMANN, P; ROEDDINGER, R; WALTER-MATSUI, R  
 PATENT ASSIGNEE(S): (LEHM-I) LEHMANN P; (ROED-I) ROEDDINGER R; (WALT-I)  
 WALTER-MATSUI R; (HOFF) HOFFMANN LA ROCHE & CO AG F  
 COUNTRY COUNT: 106  
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2004019972	A1	20040311 (200426)*	EN	31	
RW:	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW				
W:	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW				
US 2004110679	A1	20040610 (200438)			
AU 2003251713	A1	20040319 (200462)			
EP 1536823	A1	20050608 (200537)	EN		
R:	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR				
BR 2003013792	A	20050712 (200547)			

#### APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2004019972	A1	WO 2003-EP9194	20030820
US 2004110679	A1	US 2003-634477	20030804
AU 2003251713	A1	AU 2003-251713	20030820
EP 1536823	A1	EP 2003-790911	20030820
		WO 2003-EP9194	20030820
BR 2003013792	A	BR 2003-13792	20030820
		WO 2003-EP9194	20030820

#### FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 2003251713	A1 Based on	WO 2004019972
EP 1536823	A1 Based on	WO 2004019972
BR 2003013792	A Based on	WO 2004019972

PRIORITY APPLN. INFO: EP 2002-19100 20020829

=> d his

(FILE 'HOME' ENTERED AT 14:52:57 ON 30 AUG 2005)

FILE 'MEDLINE, BIOSIS, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, BIOTECHDS,  
 SCISEARCH' ENTERED AT 14:56:27 ON 30 AUG 2005

L1 5350 S DIABETES AND (ERYTHROPOIETIN)  
 L2 1789 S L1 AND (IRON DEFICIENCY OR DISTRIBUTION)  
 L3 1662 S L2 AND (EPOETIN ALFA OR BETA)

L4            9 S L3 AND DARBEPOETIN  
L5            505 S L3 AND PEGYLATED  
L6            321 S L5 AND GLYCOSYLATION  
              E LEHMANN/AU  
              E LEHMANN, P/AU  
              E ROEDDINGER/AU  
L7            6 S E6  
L8            150 S E5  
L9            0 S L7 AND L8  
L10          1 S L8 AND L6

=> s 16 and treatment  
L11          321 L6 AND TREATMENT

=> s 111 and (iron disturbance)  
L12          1 L11 AND (IRON DISTURBANCE)

=> d 112 ti abs ibib tot

L12 ANSWER 1 OF 1 USPATFULL on STN

TI        Treatment of disturbances of iron distribution  
AB        A method of, and pharmaceutical composition for, treating disturbances  
            of iron distribution in diabetes using  
            erythropoietin are disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:            2004:145007 USPATFULL

TITLE:            Treatment of disturbances of iron  
                  distribution

INVENTOR(S):            Lehmann, Paul, Worms, GERMANY, FEDERAL REPUBLIC OF  
                  Roeddiger, Ralf, Gorxheimertal, GERMANY, FEDERAL  
                  REPUBLIC OF  
                  Walter-Matsui, Ruth, Altenbuseck, GERMANY, FEDERAL  
                  REPUBLIC OF

NUMBER            KIND            DATE

PATENT INFORMATION:            US 2004110679            A1            20040610  
APPLICATION INFO.:            US 2003-634477            A1            20030804 (10)

NUMBER            DATE

PRIORITY INFORMATION:            EP 2002-19100            20020829

DOCUMENT TYPE:            Utility

FILE SEGMENT:            APPLICATION

LEGAL REPRESENTATIVE:            HOFFMANN-LA ROCHE INC., PATENT LAW DEPARTMENT, 340  
                  KINGSLAND STREET, NUTLEY, NJ, 07110

NUMBER OF CLAIMS:            15

EXEMPLARY CLAIM:            1

NUMBER OF DRAWINGS:            1 Drawing Page(s)

LINE COUNT:            784

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 14:52:57 ON 30 AUG 2005)

FILE 'MEDLINE, BIOSIS, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, BIOTECHDS,  
SCISEARCH' ENTERED AT 14:56:27 ON 30 AUG 2005

L1            5350 S DIABETES AND (ERYTHROPOIETIN)  
L2            1789 S L1 AND (IRON DEFICIENCY OR DISTRIBUTION)  
L3            1662 S L2 AND (EPOETIN ALFA OR BETA)

L4           9 S L3 AND DARBEPOETIN  
L5           505 S L3 AND PEGYLATED  
L6           321 S L5 AND GLYCOSYLATION  
            E LEHMANN/AU  
            E LEHMANN, P/AU  
            E ROEDDINGER/AU  
L7           6 S E6  
L8           150 S E5  
L9           0 S L7 AND L8  
L10          1 S L8 AND L6  
L11          321 S L6 AND TREATMENT  
L12          1 S L11 AND (IRON DISTURBANCE)

=> s l11 and anemia  
L13         268 L11 AND ANEMIA

=> d l13 ti abs ibib 1-10

L13 ANSWER 1 OF 268 USPATFULL on STN

TI         Albumin fusion proteins

AB         The present invention encompasses albumin fusion proteins. Nucleic acid molecules encoding the albumin fusion proteins of the invention are also encompassed by the invention, as are vectors containing these nucleic acids, host cells transformed with these nucleic acids vectors, and methods of making the albumin fusion proteins of the invention and using these nucleic acids, vectors, and/or host cells. Additionally the present invention encompasses pharmaceutical compositions comprising albumin fusion proteins and methods of treating, preventing, or ameliorating diseases, disorders or conditions using albumin fusion proteins of the invention.

ACCESSION NUMBER:     2005:214989 USPATFULL  
TITLE:                Albumin fusion proteins  
INVENTOR(S):         Rosen, Craig A., Laytonsville, MD, UNITED STATES  
                       Haseltine, William A., Washington, DC, UNITED STATES  
                       Ballance, David J., Berwyn, PA, UNITED STATES  
                       Turner, Andrew J., Eagleville, PA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005186664	A1	20050825
APPLICATION INFO.:	US 2004-775204	A1	20040211 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US40891, filed on 23 Dec 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-341811P	20011221 (60)
	US 2002-350358P	20020124 (60)
	US 2002-351360P	20020128 (60)
	US 2002-359370P	20020226 (60)
	US 2002-360000P	20020228 (60)
	US 2002-367500P	20020327 (60)
	US 2002-370227P	20020408 (60)
	US 2002-378950P	20020510 (60)
	US 2002-382617P	20020524 (60)
	US 2002-383123P	20020528 (60)
	US 2002-385708P	20020605 (60)
	US 2002-394625P	20020710 (60)
	US 2002-398008P	20020724 (60)
	US 2002-402131P	20020809 (60)
	US 2002-402708P	20020813 (60)
	US 2002-411355P	20020918 (60)

US 2002-411426P 20020918 (60)  
US 2002-414984P 20021002 (60)  
US 2002-417611P 20021011 (60)  
US 2002-420246P 20021023 (60)  
US 2002-423623P 20021105 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT.,  
14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US  
NUMBER OF CLAIMS: 21  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 23 Drawing Page(s)  
LINE COUNT: 25129

L13 ANSWER 2 OF 268 USPATFULL on STN

TI Neutrokin-alpha and neutrokin-alpha splice variant  
AB The present invention relates to nucleic acid molecules encoding Neutrokin-alpha and/or Neutrokin-alphaSV polypeptides, including soluble forms of the extracellular domain. Neutrokin-alpha and/or Neutrokin-alphaSV polypeptides are also provided as are vectors, host cells and recombinant methods for producing the same. The invention further relates to antibodies or portions thereof that specifically bind Neutrokin-alpha and/or Neutrokin-alphaSV and diagnostic and therapeutic methods using these antibodies. Also provided are diagnostic methods for detecting immune system-related disorders and therapeutic methods for treating immune system-related disorders using the compositions of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:214962 USPATFULL  
TITLE: Neutrokin-alpha and neutrokin-alpha splice variant  
INVENTOR(S): Yu, Guo-Liang, Berkeley, CA, UNITED STATES  
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
Ni, Jian, Germantown, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Ullrich, Stephen, Rockville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005186637	A1	20050825
APPLICATION INFO.:	US 2005-54539	A1	20050210 (11)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2002-270487, filed on 16 Oct 2002, PENDING Continuation-in-part of Ser. No. US 2001-929493, filed on 15 Aug 2001, ABANDONED Continuation-in-part of Ser. No. US 2000-588947, filed on 8 Jun 2000, GRANTED, Pat. No. US 6562579 Continuation-in-part of Ser. No. US 2000-589285, filed on 8 Jun 2000, GRANTED, Pat. No. US 6881401 Continuation-in-part of Ser. No. US 2000-589286, filed on 8 Jun 2000, GRANTED, Pat. No. US 6635482 Continuation-in-part of Ser. No. US 2000-589287, filed on 8 Jun 2000, GRANTED, Pat. No. US 6403770 Continuation-in-part of Ser. No. US 2000-589288, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-507968, filed on 22 Feb 2000, GRANTED, Pat. No. US 6812327 Continuation-in-part of Ser. No. US 2000-589285, filed on 8 Jun 2000, GRANTED, Pat. No. US 6881401 Continuation of Ser. No. US 2000-507968, filed on 22 Feb 2000, GRANTED, Pat. No. US 6812327 Continuation-in-part of Ser. No. US 2000-589288, filed on 8 Jun 2000, PENDING Continuation of Ser. No. US 2000-507968, filed on 22 Feb 2000, GRANTED, Pat. No. US 6812327		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-543261P	20040211 (60)
	US 2004-580387P	20040618 (60)
	US 2004-617191P	20041012 (60)
	US 2002-368548P	20020401 (60)
	US 2001-336726P	20011207 (60)
	US 2001-331478P	20011116 (60)
	US 2001-330835P	20011031 (60)
	US 2001-329747P	20011018 (60)
	US 2001-329508P	20011017 (60)
	US 2000-225628P	20000815 (60)
	US 2000-227008P	20000823 (60)
	US 2000-234338P	20000922 (60)
	US 2000-240806P	20001017 (60)
	US 2000-250020P	20001130 (60)
	US 2001-276248P	20010316 (60)
	US 2001-293499P	20010525 (60)
	US 2001-296122P	20010607 (60)
	US 2001-304809P	20010713 (60)
	US 1999-122388P	19990302 (60)
	US 1999-124097P	19990312 (60)
	US 1999-126599P	19990326 (60)
	US 1999-127598P	19990402 (60)
	US 1999-130412P	19990416 (60)
	US 1999-130696P	19990423 (60)
	US 1999-131278P	19990427 (60)
	US 1999-131673P	19990429 (60)
	US 1999-136784P	19990528 (60)
	US 1999-142659P	19990706 (60)
	US 1999-122388P	19990302 (60)
	US 1999-124097P	19990312 (60)
	US 1999-126599P	19990326 (60)
	US 1999-127598P	19990402 (60)
	US 1999-130412P	19990416 (60)
	US 1999-130696P	19990423 (60)
	US 1999-131278P	19990427 (60)
	US 1999-131673P	19990429 (60)
	US 1999-136784P	19990528 (60)
	US 1999-142659P	19990706 (60)
	US 1999-122388P	19990302 (60)
	US 1999-124097P	19990312 (60)
	US 1999-126599P	19990326 (60)
	US 1999-127598P	19990402 (60)
	US 1999-130412P	19990416 (60)
	US 1999-130696P	19990423 (60)
	US 1999-131278P	19990427 (60)
	US 1999-131673P	19990429 (60)
	US 1999-136784P	19990528 (60)
	US 1999-142659P	19990706 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT.,  
14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US

NUMBER OF CLAIMS: 20

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 27 Drawing Page(s)

LINE COUNT: 19947

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 3 OF 268 USPATFULL on STN

TI 70 human secreted proteins

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

ACCESSION NUMBER: 2005:208892 USPATFULL  
TITLE: 70 human secreted proteins  
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Komatsoulis, George A., Silver Spring, MD, UNITED STATES  
Baker, Kevin P., Darnestown, MD, UNITED STATES  
Fiscella, Michele, Bethesda, MD, UNITED STATES  
Moore, Paul A., Germantown, MD, UNITED STATES  
Wei, Ping, Brookeville, MD, UNITED STATES  
Duan, D. Roxanne, Gaithersburg, MD, UNITED STATES  
Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
Gupta, Ram, Gaithersburg, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005181371	A1	20050818
APPLICATION INFO.:	US 2003-644765	A1	20030821 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US5301, filed on 21 Feb 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-270625P	20010223 (60)
	US 2001-304417P	20010712 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	36966	

L13 ANSWER 4 OF 268 USPATFULL on STN  
TI Method for delivering interferons to the intradermal compartment  
AB The present invention relates to methods and devices for intradermal delivery of substances, preferably therapeutic substances by targeting the substance to the intradermal compartment of a subject's skin. Substances delivered in accordance with the methods of the invention have an improved clinical utility and therapeutic efficacy relative to other drug delivery methods including intramuscular, and subcutaneous delivery. The present invention provides benefits and improvements over conventional drug delivery methods including but not limited to, improved pharmacokinetics and bioavailability.

ACCESSION NUMBER: 2005:208555 USPATFULL  
TITLE: Method for delivering interferons to the intradermal compartment  
INVENTOR(S): Dekker, John P. III, Cary, NC, UNITED STATES  
Miksztta, John A., Durham, NC, UNITED STATES  
Pettis, Ronald J., Cary, NC, UNITED STATES  
Alchas, Paul G., Franklin Lakes, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005181033	A1	20050818

APPLICATION INFO.: US 2005-75276 A1 20050308 (11)  
 RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2004-803746, filed  
 on 17 Mar 2004, PENDING Continuation-in-part of Ser.  
 No. US 2001-893746, filed on 29 Jun 2001, PENDING  
 Continuation-in-part of Ser. No. US 2000-606909, filed  
 on 29 Jun 2000, PENDING

NUMBER DATE

PRIORITY INFORMATION:	US 2004-551293P	20040308 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JONES DAY, 222 EAST 41ST ST, NEW YORK, NY, 10017, US	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	25 Drawing Page(s)	
LINE COUNT:	4492	

L13 ANSWER 5 OF 268 USPATFULL on STN

TI Secreted proteins

AB The invention provides human secreted proteins (SECP) and polynucleotides which identify and encode SECP. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating, or preventing disorders associated with aberrant expression of SECP.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	2005:203501 USPATFULL
TITLE:	Secreted proteins
INVENTOR(S):	Griffin, Jennifer A, Fremont, CA, UNITED STATES Yao, Monique G, Carmel, IN, UNITED STATES Duggan, Brendan M, Sunnyvale, CA, UNITED STATES Yue, Henry, Sunnyvale, CA, UNITED STATES Ding, Li, Creve Coeur, MO, UNITED STATES Lal, Preeti G, Santa Clara, CA, UNITED STATES Lee, Ernestine A, Castro Valley, CA, UNITED STATES Ramkumar, Jayalaxmi, Fremont, CA, UNITED STATES Thangavelu, Kavitha, Sunnyvale, CA, UNITED STATES Xu, Yuming, Mountain View, CA, UNITED STATES Lee, Sally, San Jose, CA, UNITED STATES Tang, Y. Tom, San Jose, CA, UNITED STATES Nguyen, Danniell B, San Jose, CA, UNITED STATES Warren, Bridget A, Encinitas, CA, UNITED STATES Honchell, Cynthia D, San Carlos, CA, UNITED STATES Gietzen, Kimberly J, San Jose, CA, UNITED STATES Baughn, Mariah R, San Leandro, CA, UNITED STATES Gandhi, Ameena R, San Francisco, CA, UNITED STATES Arvizu, Chandra S, San Jose, CA, UNITED STATES Chawla, Narinder K, Union City, CA, UNITED STATES Lu, Yan, Mountain View, CA, UNITED STATES Elliott, Vicki S, San Jose, CA, UNITED STATES Lu, Dyung Aina M, San Jose, CA, UNITED STATES J A Hafalia, April, Daly City, CA, UNITED STATES Azimzai, Yalda, Oakland, CA, UNITED STATES Khan, Farrah A, Des Plaines, IL, UNITED STATES Tran, Uyen K, San Jose, CA, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION:	US 2005176927	A1	20050811
APPLICATION INFO.:	US 2003-450186	A1	20011212 (10)
	WO 2001-US48517		20011212

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-255639P US 2003-257852P US 2003-260105P US 2003-262932P US 2003-263096P US 2003-263090P US 2003-265926P	20001213 (60) 20001221 (60) 20010105 (60) 20010118 (60) 20010118 (60) 20010119 (60) 20010202 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FOLEY AND LARDNER, SUITE 500, 3000 K STREET NW, WASHINGTON, DC, 20007, US	
NUMBER OF CLAIMS:	163	
EXEMPLARY CLAIM:	1	
LINE COUNT:	11640	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L13 ANSWER 6 OF 268 USPATFULL on STN

TI Human secreted proteins

AB The present invention relates to human secreted polypeptides, and isolated nucleic acid molecules encoding said polypeptides, useful for diagnosing and treating **diabetes mellitus** and/or conditions related to **diabetes**. Antibodies that bind these polypeptides are also encompassed by the present invention. Also encompassed by the invention are vectors, host cells, and recombinant and synthetic methods for producing said polynucleotides, polypeptides, and/or antibodies. The invention further encompasses screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further encompasses methods and compositions for inhibiting or enhancing the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:202642 USPATFULL

TITLE: Human secreted proteins

INVENTOR(S): Rosen, Craig A, Laytonsville, MD, UNITED STATES  
Ruben, Steven M, Olney, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005176061	A1	20050811
APPLICATION INFO.:	US 2003-472953 WO 2002-US9105	A1	20020326 (10) 20020326

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-60278650 US 2003-60950082 US 2003-60950083	20010327 20010912 20010912
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US	
NUMBER OF CLAIMS:	32	
EXEMPLARY CLAIM:	1	
LINE COUNT:	40795	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L13 ANSWER 7 OF 268 USPATFULL on STN

TI Modified human growth hormone polypeptides and their uses

AB Modified human growth hormone polypeptides and uses thereof are

provided.

ACCESSION NUMBER: 2005:196262 USPATFULL  
TITLE: Modified human growth hormone polypeptides and their uses  
INVENTOR(S): Cho, Ho Sung, San Diego, CA, UNITED STATES  
Daniel, Thomas O., La Jolla, CA, UNITED STATES  
DiMarchi, Richard D., Carmel, IN, UNITED STATES  
Hays, Anna-Maria, La Jolla, CA, UNITED STATES  
Wilson, Troy E., San Marino, CA, UNITED STATES  
Sim, Bee-Cheng, San Diego, CA, UNITED STATES  
Litzinger, David C., Poway, CA, UNITED STATES  
Ambrx, Inc., San Diego, CA, UNITED STATES (U.S. corporation)  
PATENT ASSIGNEE(S):

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005170404	A1	20050804
APPLICATION INFO.:	US 2005-46432	A1	20050128 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-541528P	20040202 (60)
	US 2004-581314P	20040618 (60)
	US 2004-581175P	20040618 (60)
	US 2004-580885P	20040618 (60)
	US 2004-638616P	20041222 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: ATTN: JOHN W. WALLEN, III, AMBRX, INC., 10410 SCIENCE CENTER DRIVE, SAN DIEGO, CA, 92121, US  
NUMBER OF CLAIMS: 100  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 22 Drawing Page(s)  
LINE COUNT: 9124

L13 ANSWER 8 OF 268 USPATFULL on STN

TI Antibodies that immunospecifically bind to TRAIL receptors  
AB The present invention relates to antibodies and related molecules that immunospecifically bind to TRAIL receptor, TR4i. Such antibodies have uses, for example, in the prevention and treatment of cancers and other proliferative disorders. The invention also relates to nucleic acid molecules encoding anti-TR4 antibodies, vectors and host cells containing these nucleic acids, and methods for producing the same. The present invention relates to methods and compositions for preventing, detecting, diagnosing, treating or ameliorating a disease or disorder, especially cancer and other hyperproliferative disorders, comprising administering to an animal, preferably a human, an effective amount of one or more antibodies or fragments or variants thereof, or related molecules, that immunospecifically bind to TRAIL receptor TR4.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:150788 USPATFULL  
TITLE: Antibodies that immunospecifically bind to TRAIL receptors  
INVENTOR(S): Salcedo, Theodora W., East Syracuse, NY, UNITED STATES  
Ruben, Steven M., Brookeville, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Albert, Vivian R., Rockville, MD, UNITED STATES  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2005129699 A1 20050616  
 APPLICATION INFO.: US 2004-986047 A1 20041112 (10)  
 RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 2003-US25457, filed  
 on 15 Aug 2003, PENDING Continuation-in-part of Ser.  
 No. US 2002-139785, filed on 7 May 2002, PENDING

NUMBER	DATE
PRIORITY INFORMATION:	
US 2004-608362P	20040910 (60)
US 2002-403382P	20020815 (60)
US 2002-425730P	20021113 (60)
US 2003-468050P	20030506 (60)
US 2001-293473P	20010525 (60)
US 2001-294981P	20010604 (60)
US 2001-309176P	20010802 (60)
US 2001-323807P	20010921 (60)
US 2001-327364P	20011009 (60)
US 2001-331044P	20011107 (60)
US 2001-331310P	20011114 (60)
US 2001-341237P	20011220 (60)
US 2002-369860P	20020405 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT.,  
14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US

NUMBER OF CLAIMS: 77

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 3 Drawing Page(s)

LINE COUNT: 14506

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 9 OF 268 USPATFULL on STN

TI Antibodies that immunospecifically bind to TRAIL receptors

AB The present invention relates to antibodies and related molecules that immunospecifically bind to TRAIL receptor, TR4. Such antibodies have uses, for example, in the prevention and treatment of cancers and other proliferative disorders. The invention also relates to nucleic acid molecules encoding anti-TR4 antibodies, vectors and host cells containing these nucleic acids, and methods for producing the same. The present invention relates to methods and compositions for preventing, detecting, diagnosing, treating or ameliorating a disease or disorder, especially cancer and other hyperproliferative disorders, comprising administering to an animal, preferably a human, an effective amount of one or more antibodies or fragments or variants thereof, or related molecules, that immunospecifically bind to TRAIL receptor TR4.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:150705 USPATFULL

TITLE: Antibodies that immunospecifically bind to TRAIL receptors

INVENTOR(S): Salcedo, Theodora W., East Syracuse, NY, UNITED STATES  
Ruben, Steven M., Brookeville, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES

PATENT ASSIGNEE(S): Albert, Vivian R., Rockville, MD, UNITED STATES  
Human Genome Sciences, Inc., Rockville, MD, UNITED STATES  
STATES, 20850 (U.S. corporation)

NUMBER	KIND	DATE
PATENT INFORMATION:		
US 2005129616	A1	20050616
APPLICATION INFO.:		
US 2004-986046	A1	20041112 (10)
RELATED APPLN. INFO.:		
Continuation-in-part of Ser. No. WO 2003-US25457, filed		

on 15 Aug 2003, PENDING Continuation-in-part of Ser.  
No. US 2002-139785, filed on 7 May 2002, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-608362P	20040910 (60)
	US 2002-403382P	20020815 (60)
	US 2002-425730P	20021113 (60)
	US 2003-468050P	20030506 (60)
	US 2001-293473P	20010525 (60)
	US 2001-294981P	20010604 (60)
	US 2001-309176P	20010802 (60)
	US 2001-323807P	20010921 (60)
	US 2001-327364P	20011009 (60)
	US 2001-331044P	20011107 (60)
	US 2001-331310P	20011114 (60)
	US 2001-341237P	20011220 (60)
	US 2002-369860P	20020405 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US	
NUMBER OF CLAIMS:	77	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	14500	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L13 ANSWER 10 OF 268 USPATFULL on STN

TI Antibodies that specifically bind to TL5

AB The present invention relates to antibodies and related molecules that specifically bind to TL5. Such antibodies have uses, for example, in the prevention and **treatment** of cancer as well as immune system diseases and disorders including autoimmune disease, rheumatoid arthritis, graft rejection, graft vs. host disease, and lymphadenopathy. The invention also relates to nucleic acid molecules encoding anti-TL5 antibodies, vectors and host cells containing these nucleic acids, and methods for producing the same. The present invention relates to methods and compositions for preventing, detecting, diagnosing, treating or ameliorating a disease or disorder, especially cancer as well as immune system diseases and disorders including autoimmune disease, rheumatoid arthritis, graft rejection, graft vs. host disease, and lymphadenopathy, comprising administering to an animal, preferably a human, an effective amount of one or more antibodies or fragments or variants thereof, or related molecules, that specifically bind to TL5.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:	2005:150703 USPATFULL	
TITLE:	Antibodies that specifically bind to TL5	
INVENTOR(S):	Rosen, Craig A., Laytonsville, MD, UNITED STATES	
	Ruben, Steven M., Brookeville, MD, UNITED STATES	
PATENT ASSIGNEE(S):	Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S. corporation)	

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005129614	A1	20050616
APPLICATION INFO.:	US 2004-943197	A1	20040917 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2003-US10956, filed on 10 Apr 2003, PENDING		

NUMBER	DATE
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PRIORITY INFORMATION: US 2002-372087P 20020415 (60)  
DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT.,  
14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US  
NUMBER OF CLAIMS: 81  
EXEMPLARY CLAIM: 1  
LINE COUNT: 7262  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

# Refine Search

## Search Results -

Terms	Documents
L12 and (iron deficiency)	25

Database:

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US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

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DATE: Tuesday, August 30, 2005 [Printable Copy](#) [Create Case](#)

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side by side

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result set

DB=PGPB,USPT; PLUR=YES; OP=OR

<u>L13</u>	L12 and (iron deficiency)	25	<u>L13</u>
<u>L12</u>	diabetes adj2 erythropoietin	25	<u>L12</u>
<u>L11</u>	L10 and 18	1	<u>L11</u>
<u>L10</u>	L9 and erythropoietin	1060	<u>L10</u>
<u>L9</u>	diabetes and iron	7060	<u>L9</u>
<u>L8</u>	L6 and 14	5	<u>L8</u>
<u>L7</u>	L6 and 15	0	<u>L7</u>
<u>L6</u>	Roeddiger.in.	5	<u>L6</u>
<u>L5</u>	Roedding.in.	0	<u>L5</u>
<u>L4</u>	lehmann.in.	1910	<u>L4</u>
<u>L3</u>	20020115833	1	<u>L3</u>
<u>L2</u>	200200115833	0	<u>L2</u>
<u>L1</u>	20020065214	1	<u>L1</u>

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## Refine Search

### Search Results -

Terms	Documents
diabetes adj2 erythropoietin	25

**Database:**

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US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
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**DATE:** Tuesday, August 30, 2005 [Printable Copy](#) [Create Case](#)

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side by side

Hit Count Set Name  
result set

*DB=PGPB,USPT; PLUR=YES; OP=OR*

<u>L12</u>	diabetes adj2 erythropoietin	25	<u>L12</u>
<u>L11</u>	L10 and l8	1	<u>L11</u>
<u>L10</u>	L9 and erythropoietin	1060	<u>L10</u>
<u>L9</u>	diabetes and iron	7060	<u>L9</u>
<u>L8</u>	L6 and l4	5	<u>L8</u>
<u>L7</u>	L6 and l5	0	<u>L7</u>
<u>L6</u>	Roediger.in.	5	<u>L6</u>
<u>L5</u>	Roedinger.in.	0	<u>L5</u>
<u>L4</u>	lehmann.in.	1910	<u>L4</u>
<u>L3</u>	20020115833	1	<u>L3</u>
<u>L2</u>	200200115833	0	<u>L2</u>
<u>L1</u>	20020065214	1	<u>L1</u>

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 10 of 25 returned.

1. Document ID: US 20050131359 A1

Using default format because multiple data bases are involved.

L13: Entry 1 of 25

File: PGPB

Jun 16, 2005

PGPUB-DOCUMENT-NUMBER: 20050131359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050131359 A1

TITLE: Substance delivery system

PUBLICATION-DATE: June 16, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/304

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Im3](#)

2. Document ID: US 20050119454 A1

L13: Entry 2 of 25

File: PGPB

Jun 2, 2005

PGPUB-DOCUMENT-NUMBER: 20050119454

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050119454 A1

TITLE: Algorithmic design of peptides for binding and/or modulation of the functions of receptors and/or other proteins

PUBLICATION-DATE: June 2, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mandell, Arnold J.	Asheville	NC	US	
Selz, Karen A.	Asheville	NC	US	
Shlesinger, Michael F.	Rockville	MD	US	

US-CL-CURRENT: 530/326; 530/350

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Im3](#)

3. Document ID: US 20050075599 A1

L13: Entry 3 of 25

File: PGPB

Apr 7, 2005

PGPUB-DOCUMENT-NUMBER: 20050075599

PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050075599 A1

TITLE: Ultrasonically enhanced saline treatment for burn damaged skin

PUBLICATION-DATE: April 7, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/22

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Ima](#)

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4. Document ID: US 20050065461 A1

L13: Entry 4 of 25

File: PGPB

Mar 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050065461

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050065461 A1

TITLE: Ultrasonically enhanced substance delivery method

PUBLICATION-DATE: March 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/22; 601/2

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Ima](#)

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5. Document ID: US 20050038377 A1

L13: Entry 5 of 25

File: PGPB

Feb 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050038377

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050038377 A1

TITLE: Ultrasonically enhanced substance delivery system and device

PUBLICATION-DATE: February 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/22

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Ima](#)

6. Document ID: US 20050027457 A1

L13: Entry 6 of 25

File: PGPB

Feb 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050027457

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050027457 A1

TITLE: Algorithmic design of peptides for binding and/or modulation of the functions of receptors and/or other proteins

PUBLICATION-DATE: February 3, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mandell, Arnold J.	Asheville	NC	US	
Selz, Karen A.	Asheville	NC	US	
Shlesinger, Michael F.	Rockville	MD	US	

US-CL-CURRENT: 702/19; 530/350

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KDDC](#) | [Draw Desc](#) | [Ima](#)

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7. Document ID: US 20040234509 A1

L13: Entry 7 of 25

File: PGPB

Nov 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040234509

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040234509 A1

TITLE: Replacing liver cells with bone marrow-derived cells for treating disease and expressing therapeutic genes

PUBLICATION-DATE: November 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Davis, Roger A.	Solana Beach	CA	US	

US-CL-CURRENT: 424/93.7; 424/450, 424/617

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KDDC](#) | [Draw Desc](#) | [Ima](#)

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8. Document ID: US 20040110679 A1

L13: Entry 8 of 25

File: PGPB

Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040110679.

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040110679 A1

TITLE: Treatment of disturbances of iron distribution

PUBLICATION-DATE: June 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lehmann, Paul	Worms		DE	
Roediger, Ralf	Gorxheimertal		DE	
Walter-Matsui, Ruth	Altenbuseck		DE	

US-CL-CURRENT: 514/12

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Im3](#)

9. Document ID: US 20040024348 A1

L13: Entry 9 of 25

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040024348

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040024348 A1

TITLE: Substance delivery device

PUBLICATION-DATE: February 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/22

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Im3](#)

10. Document ID: US 20040013650 A1

L13: Entry 10 of 25

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040013650

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040013650 A1

TITLE: Long term expression of gene products

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Leiden, Jeffrey M.	Chicago	IL	US	

US-CL-CURRENT: 424/93.2

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Im3](#)

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## Search Results - Record(s) 11 through 20 of 25 returned.

### 11. Document ID: US 20030176656 A1

Using default format because multiple data bases are involved.

L13: Entry 11 of 25

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030176656

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030176656 A1

TITLE: Algorithmic design of peptides for binding and/or modulation of the functions of receptors and/or other proteins

PUBLICATION-DATE: September 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mandell, Arnold J.	Asheville	NC	US	
Selz, Karen A.	Asheville	NC	US	
Shlesinger, Michael F.	Rockville	MD	US	

US-CL-CURRENT: 530/350

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWMC](#) | [Draw Desc](#) | [Im3](#)

### 12. Document ID: US 20030148357 A1

L13: Entry 12 of 25

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030148357

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030148357 A1

TITLE: Novel cystine knot protein and materials and methods for making it

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sheppard, Paul O.	Redmond	WA	US	
Lok, Si	Seattle	WA	US	

US-CL-CURRENT: 435/6; 424/130.1, 435/326, 435/69.1, 530/387.1, 530/391.1, 536/23.53

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWMC](#) | [Draw Desc](#) | [Im3](#)

### 13. Document ID: US 20020156415 A1

L13: Entry 13 of 25

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156415  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020156415 A1

TITLE: Ultrasonically enhanced substance delivery system and device

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/22; 600/439

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Ima](#)

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14. Document ID: US 20020156414 A1

L13: Entry 14 of 25

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156414  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020156414 A1

TITLE: Ultrasonically enhanced substance delivery method

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/22; 600/439

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Ima](#)

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15. Document ID: US 20020122788 A1

L13: Entry 15 of 25

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122788  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020122788 A1

TITLE: LONG-TERM EXPRESSION OF GENE PRODUCTS BY TRANSFORMING MUSCLE CELLS

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
LEIDEN, JEFFREY M.	CHICAGO	IL	US	

US-CL-CURRENT: 424/93.1; 424/93.2, 424/93.21, 424/93.6, 424/93.7, 435/455, 514/44

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Ima](#)

16. Document ID: US 20020115960 A1

L13: Entry 16 of 25

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115960

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020115960 A1

TITLE: Substance delivery system

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redding, Bruce K. JR.	Broomall	PA	US	

US-CL-CURRENT: 604/22

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Ima](#)

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17. Document ID: US 20020018815 A1

L13: Entry 17 of 25

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020018815

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020018815 A1

TITLE: Methods and apparatus for fine particle formation

PUBLICATION-DATE: February 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sievers, Robert E.	Boulder	CO	US	
Karst, Uwe	Muenster		DE	

US-CL-CURRENT: 424/489; 264/5

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Ima](#)

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18. Document ID: US 20020009756 A1

L13: Entry 18 of 25

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020009756

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020009756 A1

TITLE: Algorithmic design of peptides for binding and/or modulation of the functions of receptors and/or other proteins

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mandell, Arnold J.	Asheville	NC	US	



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1. Document ID: US 20040110679 A1

Using default format because multiple data bases are involved.

L11: Entry 1 of 1

File: PGPB

Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040110679

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040110679 A1

TITLE: Treatment of disturbances of iron distribution

PUBLICATION-DATE: June 10, 2004

### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Lehmann, Paul</u>	Worms		DE	
<u>Roeddiger, Ralf</u>	Gorxheimertal		DE	
Walter-Matsui, Ruth	Altenbuseck		DE	

US-CL-CURRENT: 514/12

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw. Desc](#) | [Im3](#)

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## Search Results - Record(s) 1 through 5 of 5 returned.

1. Document ID: US 20050181986 A1

Using default format because multiple data bases are involved.

L8: Entry 1 of 5

File: PGPB

Aug 18, 2005

PGPUB-DOCUMENT-NUMBER: 20050181986

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050181986 A1

TITLE: Method of treating disturbances of iron distribution in inflammatory intestinal diseases

PUBLICATION-DATE: August 18, 2005

### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Klima, Horst	Penzberg		DE	
<u>Lehmann, Paul</u>	Worms		DE	)
<u>Roeddiger, Ralf</u>	Gorxheimertal		DE	
Walter-Matsui, Ruth	Altenbuseck		DE	

US-CL-CURRENT: 514/8; 514/12

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWD](#) | [Draw Desc](#) | [Ima](#)

2. Document ID: US 20050148025 A1

L8: Entry 2 of 5

File: PGPB

Jul 7, 2005

PGPUB-DOCUMENT-NUMBER: 20050148025

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050148025 A1

TITLE: Differential diagnosis with hepcidin

PUBLICATION-DATE: July 7, 2005

### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Lehmann, Paul</u>	Worms		DE	
<u>Roeddiger, Ralf</u>	Gorxheimertal		DE	

US-CL-CURRENT: 435/7.1; 436/86

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWD](#) | [Draw Desc](#) | [Ima](#)

3. Document ID: US 20050136455 A1

L8: Entry 3 of 5

File: PGPB

Jun 23, 2005

PGPUB-DOCUMENT-NUMBER: 20050136455  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050136455 A1

TITLE: Soluble transferrin receptor

PUBLICATION-DATE: June 23, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Lehmann, Paul</u>	Worms		DE	
<u>Roediger, Ralf</u>	Gorxheimertal		DE	

US-CL-CURRENT: 435/6; 436/86

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4. Document ID: US 20040209802 A1

L8: Entry 4 of 5

File: PGPB

Oct 21, 2004

PGPUB-DOCUMENT-NUMBER: 20040209802  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040209802 A1

TITLE: Treatment of disturbances of iron distribution

PUBLICATION-DATE: October 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Lehmann, Paul</u>	Worms	DE	US	
<u>Roediger, Ralf</u>	Gorxheimertal	DE	US	
Walter-Matsui, Ruth	Altenbuseck	DE	US	

US-CL-CURRENT: 514/12

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5. Document ID: US 20040110679 A1

L8: Entry 5 of 5

File: PGPB

Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040110679  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040110679 A1

TITLE: Treatment of disturbances of iron distribution

PUBLICATION-DATE: June 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Lehmann, Paul</u>	Worms		DE	
<u>Roediger, Ralf</u>	Gorxheimertal		DE	

US-CL-CURRENT: 514/12[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Data](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Ima](#)[Clear](#) | [Generate Collection](#) | [Print](#) | [Fwd Refs](#) | [Bkwd Refs](#) | [Generate OACS](#)

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## Search Results - Record(s) 21 through 25 of 25 returned.

21. Document ID: US 6613319 B2

Using default format because multiple data bases are involved.

L13: Entry 21 of 25

File: USPT

Sep 2, 2003

US-PAT-NO: 6613319

DOCUMENT-IDENTIFIER: US 6613319 B2

TITLE: Long-term expression of erythropoietin and growth hormone by transforming muscle cells

DATE-ISSUED: September 2, 2003

### INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Leiden; Jeffrey M.	Chicago	IL		

US-CL-CURRENT: 424/93.2; 424/93.1, 424/93.21, 424/93.6, 424/93.7, 435/320.1, 435/455,  
514/44

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KDDC](#) | [Draw Desc](#) | [Ima](#)

22. Document ID: US 6573363 B1

L13: Entry 22 of 25

File: USPT

Jun 3, 2003

US-PAT-NO: 6573363

DOCUMENT-IDENTIFIER: US 6573363 B1

TITLE: Cystine knot protein and materials and methods for making it

DATE-ISSUED: June 3, 2003

### INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sheppard; Paul O.	Redmond	WA		
Lok; Si	Seattle	WA		

US-CL-CURRENT: 530/350; 424/9.322, 930/10

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KDDC](#) | [Draw Desc](#) | [Ima](#)

23. Document ID: US 6560542 B1

L13: Entry 23 of 25

File: USPT

May 6, 2003

US-PAT-NO: 6560542

DOCUMENT-IDENTIFIER: US 6560542 B1

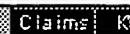
TITLE: Algorithmic design of peptides for binding and/or modulation of the functions of receptors and/or other proteins

DATE-ISSUED: May 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mandell; Arnold J.	Asheville	NC		
Selz; Karen A.	Asheville	NC		
Shlesinger; Michael F.	Rockville	MD		

US-CL-CURRENT: 702/19; 530/300

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24. Document ID: US 6095134 A

L13: Entry 24 of 25

File: USPT

Aug 1, 2000

US-PAT-NO: 6095134

DOCUMENT-IDENTIFIER: US 6095134 A

TITLE: Methods and apparatus for fine particle formation

DATE-ISSUED: August 1, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sievers; Robert E.	Boulder	CO		
Karst; Uwe	Muenster			DE

US-CL-CURRENT: 128/200.14; 128/200.23

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25. Document ID: US 5639441 A

L13: Entry 25 of 25

File: USPT

Jun 17, 1997

US-PAT-NO: 5639441

DOCUMENT-IDENTIFIER: US 5639441 A

TITLE: Methods for fine particle formation

DATE-ISSUED: June 17, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sievers; Robert E.	Boulder	CO		
Karst; Uwe	Muenster			DE

US-CL-CURRENT: 424/9.3; 128/200.23, 239/2.1, 424/45, 424/46, 427/255.25, 427/255.6

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) |  |  | [Claims](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

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Terms

Documents

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